


Supplier	
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Product Specifications	
Feed Stuff	Organic Milling Oats
Trading Name	Organic Milling Oats
Image- Typical Image of Organic Milling Oats**	
 <p style="text-align: right;">**(product may vary in appearance depending on suppliers)</p>	
Product Description	<p>The oat plant (<i>Avena sativa</i>) is a type of cereal belonging to the grass family (Gramineae), the term "cereals".</p> <p>The structure and chemical composition of the grain vary little between the different types of cereal. The cereal grain is a single-seeded indehiscent fruit, the husk of which is formed by the fusion of the fruit and seed walls. It consists of three components: Husk, endosperm &amp; embryo. When sourcing and trading organic products, it must be ensured that the organic supply remains compliant with the standards set out by OF&amp;G.</p>
Specification*	Oil content: ~4.8% Protein – 11.0% Fibre- 13.9% <p style="text-align: right;">* (These Values are not contractual)</p>
General Use	Oats contain the highest fat content (approximately 4.8%) and mineral levels among all cereal grains. This nutritional composition makes them particularly valuable for inclusion in various food products.
Packaging & Transport	Bulk.
Labelling	According to EU legislation 767/2009
Storage	Storage of Milling oats should be in a dry, cool and ventilated area.
Legal Demands	<p>The product complies with laws and regulations. The main elements are:</p> <ul style="list-style-type: none"> <li>• Regulation (EC) No 178/2002 laying down the general principles and requirements of food stuffs, establishing the European Food Safety Authority and laying down procedures in matters of food safety.</li> <li>• Regulation 2018/848 on organic production and labelling of organic products and repealing EC No 834/2007</li> <li>• Regulation 889/2008 on organic labelling</li> <li>• Regulation (EC) No 853/2004 on the hygiene of foodstuffs (Food Hygiene);</li> <li>• Commodities Control Hygiene of foodstuffs.</li> <li>• Regulation (EC) No 1831/2003 setting maximum levels for certain contaminants in foodstuffs.</li> <li>• Regulation (EC) No 396/2005 on maximum residue levels of pesticides in food</li> </ul>

	<ul style="list-style-type: none"> <li>Where Applicable maximum residue level as per the Pesticides (Maximum Residue Levels) (England and Wales) Regulations 2008 (SI 2008 No. 2570) or the Regulations are the Pesticides (Maximum Residue Levels) (Scotland) Regulations 2008 (SSI 2008/342),</li> <li>Regulation (EC) No 401/2006; methods of sampling and analysis for the official control of the levels of mycotoxins in foodstuffs.</li> <li>Recommendation 2006/583/EC, the prevention and reduction of Fusarium toxins in cereals and cereal products.</li> </ul>
Undesirable substances	<p>The maximum determined contents for undesirable substances in feedstuff, such as established in:</p> <ul style="list-style-type: none"> <li>Regulation 1881/2006 setting maximum levels for certain contaminants in foodstuffs</li> <li>Regulation 396/2005 on maximum residue levels of pesticides in food.</li> <li>Regulation 401/2006- methods of sampling and analysis for the official of the levels of mycotoxins in foodstuffs.</li> </ul>
<b>Specific analysis and standard tolerances</b>	
Salmonella	Absent in 25g.
Appearance	Pale colour, typical appearance of milled oats.
Country of origin	UK & Ireland.
<b>Health Information</b>	
Inhalation	Classified as a dust nuisance only. Inhalation may aggravate those with pre-existing conditions.
Ingestion	Non-hazardous food product. May cause an allergic response with sensitive individuals.
Eye Contact	Can cause discomfort.
Skin Contact	In certain individuals subject to Malady, dermatitis may occur and hence protective gloves would be advisable. The material is classified as non-toxic but as dust nuisance only. It is not a corrosive.
Toxicological Information	Not available.
Occupational exposure limits	None available.
<b>Emergency first aid procedures</b>	
Ingestion	Non-toxic – dust masks should be worn.
Eye Contact	In the event of eye contact irrigate with water for at least 15 minutes. Exposure may result in mild irritation. Seek medical attention if symptoms persist.
Skin Contact	Wash contact areas with soap and water. Get medical attention promptly if symptoms occur.
Inhalation	Remove person to fresh air. Seek medical attention if symptoms persist.
<b>Physical properties</b>	
Physical state	Solid.
Appearance	Pale colour, typical appearance of milled oats.
Odour	Milling oats have a slight pleasant odour.
Flammability limits	Excessively high moisture content can lead to self-heating due to increased respiratory activity within the grain. Oats in individual clusters of overly moist cargo tend to heat up, causing localized dampness ("sweating") at the boundary layers of these clusters. This process can propagate, spreading heat and moisture to other parts of the cargo. Such clusters commonly occur in freshly harvested oats that have not undergone sufficient post-ripening, or when excessively damp grain has been loaded.
<b>Fire &amp; Explosion hazard</b>	
Flammability	There is a risk of dust explosion at dust/air ratios of 20 - 2000 g/m <sup>3</sup> . BZ 2- Catches fire briefly and extinguishes rapidly.
Flash Point	Volatile gases which have formed in the cargo over the course of self-heating and have a flash point of around 60°C have spontaneously ignited.
Extinguishing media	Foam, dry chemical, carbon dioxide and water spray.
Explosion Class	ST 1
<b>Special firefighting procedures &amp; precautions</b>	
<p>Suitable extinguishing agents are dry agent, carbon dioxide and foam. Fire fighters should use self-contained breathing apparatus to avoid exposure to smoke and fumes.</p> <p>Toxic gases such as hydrocarbons and carbon oxides may evolve when heated.</p>	

Reactivity	
Stability	Stable
Hazardous Polymerization	Not known.
Materials to Avoid	Strong oxidizing agents, moisture and heat sources.
Hazardous decomposition products	Combustion produces CO <sub>2</sub> , CO & thick smoke.
Personal protection / Exposure control	
Respiratory Protection	Always ensure the work area has adequate ventilation. In case of dust formation, wear appropriate respiratory protective equipment determined and fitted by an expert. Dust masks should be worn.
Skin protection	Gloves and overalls should be worn when handling.
Eye Protection	Always wear approved safety glasses when working. Full face protective shields can be worn to avoid contact with face. Wash stations should be provided.
Footwear	Appropriate footwear as specified by workplace requirements.
Environmental Protection	
Environmental precautions	Avoid discharge into sewage systems, water courses or onto the ground. Avoid excessive dust emissions.
Spill or leak precautions	Clean up spilled material using broom or other measure.
Waste disposal	Dispose spilled or contaminated material to landfill. Do not release into drains or other measures.
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